

REMARKS/ARGUMENTS

Favorable reconsideration of this application as presently amended and in light of the following discussion is respectfully requested.

Claims 9-15 are presently pending, Claims 9, 12, and 15 having been amended. No new matter is added.

In the Official Action, Claims 9-15 were rejected under 35 U.S.C. § 112, second paragraph, as indefinite; Claims 9 and 12 were rejected under 35 U.S.C. § 103(a) as unpatentable over Narutaki et al. (U.S. Pat. No. 6,624,860, hereinafter “Narutaki”) in view of Nakamura et al. (U.S. Pat. 6,005,646, hereinafter “Nakamura”) and Hirai et al. (U.S. Pat. 6,122,012, hereinafter “Hirai”); Claims 10 and 13 were rejected under 35 U.S.C. § 103(a) as unpatentable over Narutaki in view of Nakamura and Hirai and further in view of Kawana et al. (U.S. Patent Pub. No. 2004/0218115, hereinafter “Kawana”); and Claims 11, 14, and 15 were rejected under 35 U.S.C. § 103(a) as unpatentable over Narutaki in view of Nakamura and Hirai and further in view of Miyachi et al. (U.S. Pat. No. 6,493,053, hereinafter “Miyachi”).

Regarding the 35 U.S.C. §112, second paragraph, rejection, Claims 9, 12, and 15 have been amended to address the issues set forth on page 2 of the Official Action. Thus, the 35 U.S.C. §112, second paragraph, rejection is believed to have been overcome.

Regarding the rejection of Claims 9 and 12 under 35 U.S.C. §103(a) as unpatentable over Narutaki in view of Nakamura and Hirai, Applicants respectfully traverse the rejection.

By way of review, independent Claim 9 recites, in part, a liquid crystal display cell, including:

a voltage supplying source supplying the voltage applied to the blue pixel electrode in black display being different from the voltages applied to the red and green pixel electrodes in black display, and the voltage of the blue pixel electrode in black display being set to a voltage making the v' value of the $u' v'$ chromaticity diagram become the maximum.

Narutaki is directed to a transmission/reflection-type liquid crystal display. Narutaki describes a color filter layer with two regions, wherein the number of times that light used for display is transmitted through the color filter layer is different between the regions. According to Narutaki, light passes through a color filter one time in the transmissive region, and light passes through a color filter two times in the reflective region. Narutaki seeks to provide a color filter capable of providing a bright, high chromaticity-property color display both in the transmissive and reflective regions, by adjusting the chromaticity property of the reflected light and the transmitted light which are used for display. Further, Narutaki describes that an opening (i.e., a region having no color portion) is formed in the color filter corresponding to a reflective region to provide a color display with high color purity and high brightness.

Furthermore, Fig. 24 of Narutaki merely shows that color purity changes with color filters so as to become white, indicating a poor chromaticity property. According to Narutaki, light absorption by the pigment must be reduced in order to obtain excellent brightness in the color filter for use in the reflection-type liquid crystal device.

However, Applicants respectfully submit that Narutaki is silent regarding selecting an applied voltage corresponding to the chromaticity. Indeed, Narutaki does not disclose or suggest “a voltage supplying source supplying the voltage applied to the blue pixel electrode in black display being different from the voltages applied to the red and green pixel electrodes in black display,” **and** “the voltage of the blue pixel electrode in black display being set to a voltage making the v’ value of the u’ v’ chromaticity diagram become the maximum,” as recited in independent Claim 9. Narutaki, Hirai, and Miyachi do not cure this deficiency.

Accordingly, it is respectfully submitted that Nakamura, Narutaki, Hirai, and Miyachi do not anticipate or make obvious the features of Claim 9. Therefore, independent Claim 9

Consequently, in view of the present amendment and in light of the above discussions, the outstanding grounds for rejection are believed to have been overcome. The application as amended herewith is believed to be in condition for formal allowance. An early and favorable action to that effect is respectfully requested.

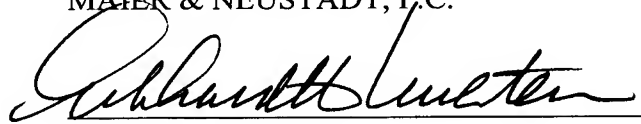
Respectfully submitted,

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A handwritten signature in black ink, appearing to read 'Eckhard H. Kuesters', written over a horizontal line.

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